

PICK, A.; LANGENDORF, R.; KATZ, L.N.

Aberrant ventricular conduction. Cas.lek.cesk. 99 no.20/21:628-634
20 My '60.

1. Cardiovascular Department, Medical Research Institute, Michael
Reese Hospital and Medical Center, Chicago, Illinois.
(HEART BLOCK)

KONIG, Jiri, MUDr.; LANGENDORF, Valtr, MUDr.

Results of ACTH and cortisone therapy of blood diseases.
Sborn. lek. 58 no.9:241-258 Nov 56.

1. I. interni klinika fakulty vseobecneho lekarstvi KU
v Praze, prednosta prof. Dr. M. Netousek II. interni klinika
fakulty vseobecneho lekarstvi KU v Praze, prednosta prof.
Dr. A. Vancura.

(BLOOD DISEASES, therapy,
ACTH & cortisone, review (Cz))
(ACTH, therapeutic use,
blood dis., review (Cz))
(CORTISONE, therapeutic use,
blood dis., review (Cz))

LANGENFELD, Halina; KOPROWSKA, Ryszarda.

A case of frontal syndrome with paranoid complications in post-vaccinal encephalitis. Neurol. neurochir. psychiat. pol. 13 no.5:721-723 '63.

1. Z Kliniki Chorob Psychiczych AM w Gdansk, (kierownik: prof. dr. T. Bilikiewicz) oraz z Kliniki Chorob Nerwowych AM w Gdansk (kierownik: prof. dr. T. Majewska);

34

LANGENFEL'D, V. T.

Cand Biol Sci - (diss) "Genus Malus Mill in the Latvian SSR."
Leningrad, 1961. 18 pp; (Leningrad State Pedagogical Institute
A. I. Gertsen, Faculty of Natural Sciences); 250 copies; price
not given; (KL, 7-61 sup, 227)

LANGER, Bedrich; MYSIK, Vladimir, inz.

Reduction of heat losses and investment costs in dwelling houses.
Poz stavby 13 no.1:21-22 '65.

Thermal insulation of external walls of the experimental building
No.351 in Novy Most. Ibid.:23-24

1. Pozemni stavby, Usti nad Labem.

..LANGER, Bedrich; SKRNA, Vaclav

Hollow floors for dwelling houses. Poz stavby 13 no.1:24-27
'65.

1. Pozemni stavby, Usti nad Labem.

LANGER, Bretislav

Electrical engineering in socialist agriculture. Elektrotechnik
17 no.5:141 My '62.

LANGER, C.

Use of high-speed steel turnings for hard facing by welding, p. 90,
ZVARANIE, (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo
strojarstvo) Bratislava Vol. 3, No. 3, Apr. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

LANGER, EMIL

Rozlisovani materialu a zyzistovani trhlin indukcní methodou. Se 63
vyobrazeními a 48 tabulkami. (Vyd. 1. V Praze) Elektrotechnický svaz
ceskoslovensky (1947) 77 p./ (Elektrotechnický svaz ceskoslovensky,
elektrotechnická knihovna) (Selecting materials and detecting cracks by
the induction method. 1st ed. 63 illus., 48 graphs)

SO: Monthly List of East European Accessions, (EEAL) LC, Vol. 5, no. 2
February 1956

LANGER, Emil

B. T. R.
V. 3 No. 3
Mar. 1954
Metals- Heat
Treatment

20
3762* Induction Heating of Rolled Pieces. (Czechoslovakian.) Emil Langer. *Hutnické Listy*, v. 8, no. 9, Sept. 1953, p. 470-475.
Discusses selection of suitable frequency and heating time. Diagrams, graphs, tables. 4 ref.

LANGER, EMIL

B. T. R.
V. 3 No. 3
Mar. 1954
Metals- Heat
Treatment

3762* Induction Heating of Rolled Pieces. (Czechoslovakian.) Emil Langer. *Hutnické Listy*, v. 8, no. 9, Sept. 1953, p. 470-475.
Discusses selection of suitable frequency and heating time. Diagrams, graphs, tables. 4 ref.

Langer Emil



4153° Coreless Low-Frequency Induction Furnace for Steel
Production. Nizkofrekventni masivni pec bez jadra na

výroba oceli. (Czech.) Emil Langer. Slévárnictví, v. 2, no. 8;
Práce Československého svazu slévárenského, v. 1, no.
10, Aug. 1954, p. 65-70.

Advantages and limitations of 50 cycle testing; comparisons
with 1000 cycle operation. Diagrams, tables, graph. 4 ref.

LANGER, E.

High-voltage fuses. p. 164.

ELEKTROTECHNIK, Praha, Vol. 10, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

LANGER, E.; KONICEK, O.

Computation of the heat in the charge of an induction furnace n. 5.
(ELEKTROTECHNICKY OBZOR, Vol. 44, no. 1. Jan. 1955, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

Langer, E.

ml 21250* Economical Nature of Induction Heating in Modern Forge Shops. Hospodárnost indukčného ohřevu v moderních kovárnách. (Czech.) E. Langer. Strojirenství, v. 6, no. 1, Jan. 1958, p. 82-85. *1*

Advantages of induction heating. Choice of right frequency. Effective decrease in amount of surface scale formed. Soviet auto industry experiences. Tables, diagram, 8 ref.

of

Langer, Emil

2

8370* (Czech.) High-Voltage Cut-Outs and Their Use.
Pojistky na vysoké napětí a jejich použití. Emil Langer.
Elektrotechnický Obzor, v. 45, Dec. 1956, p. 597-600.
Economic and technical advantages obtained by employing
high-voltage cut-outs up to 35 kv. with a circuit-breaking
capacity of 400 MVA; action of the cut-outs and the over-

voltage arising in circuit-breaking; types of cut-outs, their
technical parameters, and application.

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LANGER, E.

High-voltage fuses and their selection.

p. 7, (Elektrotechnik) Vol. 12, no. 8, Aug. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (ZEAI) LC, VOL. 7, NO. 1, Jan. 1958

LANGER, E,

1344. A NEW METHOD OF DESIGNING INDUCTION FURNACES
FOR STEEL MELTING. E. Langer.

Elektrotech. Obzor, Vol. 35, No. 1, 22-3 (1957). In Czech.

The method is applicable to the usual arrangement where a capacitor bank parallel to the heating coils forms a tuned circuit so that all of the energy supplied by the high-frequency source is absorbed. The theory of an infinite cylindrical coil and a coaxial cylindrical charge is used to determine approximate values of the coil inductance and the mutual inductance between the coil and the charge. Coefficients that are functions of coil dimensions are given in two tables, for use as correction factors to obtain the inductance of practical finite arrangements. Examples are given.

E. Erdélyi

LANGER, E.

18 18
5945. SHIELDING OF INDUCTION FURNACES FOR STEEL

MELTING ¹⁸ E. Langer

Elektrotech. Obozr., Vol. 48, No. 2, 69-75 (1957). In Czech. ¹⁸ *Not.*

Based on the equivalent circuit of two-winding transformers, the theory of metallic shields for induction furnaces with incomplete magnetic circuits is developed. The heating coil is assumed to be the primary winding and the magnetic shield the secondary. The effect of the charge, that should be represented by a third winding, is neglected for the sake of simplification. Approximate expressions are given for the currents and copper losses in the shield, and for the magnetic field outside the shield. These expressions can be used for the design of cylindrical shields. Numerical examples are given for an induction furnace operating at 3000 volts at 500 c/s built for a charge of 1000 kg.

E. Erdelyi

Not

LANGER, E.

Medium-frequency induction furnaces and heating equipment.

P. 471 (Elektrotechnický Průzkum) Vol. 46, No. 9, Sept. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

LANGER, E.

"High-voltage and very high-voltage switches, according to the Czechoslovak standard
35 4200."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, No. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

Z/042/62/000/001/002/002
E197/E135

AUTHOR: Langer, Emil, Professor Doctor Engineer

TITLE: Cylindrical electromagnetic oscillations in the gap
between coil and charge of induction furnaces

PERIODICAL: Elektrotechnický časopis, no.1, 1962, 17-36

TEXT: The field between a cylindrical coil and the charge is investigated and a new interpretation of the mutual effects of coil and charge is presented. The author states that literature has so far provided expressions for electromagnetic waves in the cylindrical coil and in the charge but none for the space between them, and proceeds to assume a cylindrical coil of infinite length, uniform current density, the coil being made of flat windings with no gap between them but perfectly insulated from each other; he derives the average intensity of the electric fields and of the magnetic fields by using Poynting's radiation vector and obtaining Bessel and Neumann functions. These expressions were simplified for small arguments, in the order of 10^{-5} , concordant with normal industrial practice. There is a

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Cylindrical electromagnetic

Z/042/62/000/001/002/002
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homogeneous magnetic field and though the numerical values of the effects in the coil and in the charge are the same as before, the findings allow an interpretation which is different from the usual picture. The usual interpretation postulates: If a current I flows through the coil, a magnetic flux will be generated in the hollow coil, in phase with I ; the flux will induce in the coil an e.m.f. lagging by $\pi/2$. The new interpretation postulates: If a current I flows through the coil, the coil will radiate into its hollow a radiation vector which has a magnetic component (which creates magnetic flux) and an electric component lagging by $\pi/2$ behind the former, of a magnitude identical with the e.m.f. as before. Continuing the considerations the author derives formulae for the electrical and magnetic components of waves when the argument is large, and arrives at the same value for standing waves between walls as in previous literature. There are 5 figures.

ASSOCIATION: Vysoká škola strojní a elektrotechnická, Plzeň
(Technical University for Engineering and Electrotechnology, Plzeň).
July 6, 1961

Card 2/2

SUBMITTED:

LANGER, Frantisek; KABELAC, Karel

Ceramic capacitors of a new design. Sdel tech ll no.1:2-7 Ja
'63.

LANGER, Fridolin, inz.

Corrosion of railroad cables. Zel dop tech 11 no. 12: 371
'63.

LANGER, Fridolin, inz.

Experience with the operation of relay safety devices in railway stations. Zel dop tech 9 no.9:281-282 '61.

(Railroads)

LANGER, Fridolin, inz.

New trends in designing control desks of railway station relay
safety devices. Zel dop tech ll no.4:106-107,116 '63.

LANGER, Fridolin, inz.

Aerocem panels in safety technology. 2el dop. tech. 11
no.8:242-243 '63.

LANGER, Fridolin, inz.

Corrosion of railroad cables. Zbl dop.tech 11 no.10:294-295
'63.

EXCERPTA MEDICA Sec 16 Vol 7/3 Cancer Mar 59

1106. **Operation-tolerance in albino mice after whole-body irradiation**
Műtéti teherbíróképesség vizsgálata egész testbesugárzott egereken DENES J., LANGER
G. and HETÉNYI L. Honvéd Egészségügyi Szolgálat Kísér. Orvostud. 1958, 10/2-3
(134-138) Graphs 3

The mortality of mice subjected to operation after whole-body irradiation with small or large doses was significantly different from that of controls (non-irradiated mice subjected to the same operation). This mortality was considerably reduced by administration of streptomycin after irradiation plus operation. Operation performed immediately after irradiation had a lower risk; the mortality rose, with increasing time interval between irradiation and operation, to a maximum on the 2nd-3rd day, followed by a gradual fall. These findings are in agreement with the well-known radiobiological laws, the general biological reactions running a parallel course.

88205

S/020/60/134/002/030/041XX
C 111/ C 333

16.4600

AUTHOR: Langer, G.

TITLE: On J-Hermite Operators

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 134, No. 2,
pp. 263-266

TEXT: Let H be a separable Hilbert space with the scalar product (x, y) ; let P and Q be orthogonal projectors in H ; $P + Q = I$ (I identical mapping); $J = P - Q$. Assume that on indefinite scalar product is defined in H by

$$(1) \quad [x, y] = (Jx, y) \quad (x, y \in H) \quad .$$

An operator in H is understood to be a linear bounded mapping of H into H . The operator A in H is called J-Hermitean if $[Ax, y] = [x, Ay]$ for all $x, y \in H$. The spectrum $\sigma(A)$ of an operator A and its parts $\sigma_p(A)$, $\sigma_c(A)$, $\sigma_r(A)$, as well as the resolvent set $\rho(A)$ are defined as in (Ref.5). ✓

Theorem 1: If the operator A is J-Hermitean in H , then 1.) the set $\sigma(A)$ is symmetric with respect to the real axis

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C 111/ C 333

On J-Hermite Operators

- 2.) from $\lambda \in \sigma_p(A)$ it follows $\bar{\lambda} \in \sigma_p(A) \cup \sigma_r(A)$
3.) from $\lambda \in \sigma_r(A)$ it follows $\bar{\lambda} \in \sigma_r(A)$.

Corollary: For the J-Hermitean operator A the set $\sigma_p(A) \cup \sigma_r(A)$ is symmetric with respect to the real axis, while $\sigma_r(A)$ contains no real points. Let denote

$$T^+ = \{x : x \in H, [x, x] > 0\} \cup \{0\}$$

$$T^- = \{x : x \in H, [x, x] < 0\} \cup \{0\}; T_0 = \{x : x \in H, [x, x] = 0\}.$$

If T is a subset of H, then a subspace contained in T is called maximal, if every other subspace containing this one is not entirely contained in T.

Theorem 2: Let A be a J-Hermitean operator in H with completely continuous imaginary part. There exists an (idempotent) operator E_0 in H with the properties $\|E_0\| \leq \sqrt{2}$, $PE_0 = P$, $E_0P = E_0$, $AE_0 = E_0AE_0$. Consequently there exists a maximal subspace E_0H from

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On J-Hermite Operators

$T^+ \cup T^0$ which is invariant with respect to A.

(The theorem generalizes a result of L. S. Pontryagin on the existence of a nonnegative invariant ∞ -dimensional subspace in which the J-Hermitean operator A possesses a nonnegative imaginary part).

Let A be a simple operator (see (Ref.9)), x_1 reproducing element;

$$\lambda_1 = (Ax_1, x_1),$$

Theorem 3: Let A be a simple J-Hermitean operator in the space H ($J = P - Q$, $\dim PH = 1$). Then A is unitary equivalent to the operator

$$\tilde{A} \{ \gamma, g(t) \} = \{ \lambda_1 \gamma - \int_{-\infty}^{\infty} g(t) d\tau(t), tg(t) + \gamma \} \text{ in the space } \tilde{H} = R_1 \times L^2_{\tau} \text{ with the scalar product } (\{ \varphi, f \}, \{ \gamma, g \}) = 2 [\varphi \bar{\gamma} + \int f(t) \overline{g(t)} d\tau(t)]. \text{ The element } \{ \frac{1}{\sqrt{2}}, 0 \} \in \tilde{H}$$

corresponds to the element x_1 . Here

$$(8) \quad \tau(t) = (E_t Q A x_1, Q A x_1),$$

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On J-Hermite Operators

where E_t is the decomposition of unity for $\frac{A+A^*}{2}$.

Let S_τ be the set of the points of increase of τ .

Theorem 4: Under the assumptions of theorem 3, every accumulation point of S_τ which is no eigen value of A belongs to $\sigma_c(A)$. X

The author thanks M. G. Kreyn, Professor, and J. S. Iokhvidov.

There are 10 references: 9 Soviet and 1 American.

[Abstracter's note: (Ref.5) is the book of Dunford, Schwartz: Linear Operators, N. Y., 1958; (Ref.9) is a paper of M. S. Brodskiy and M.S.Livshits in Uspekhi matematicheskikh nauk, 1958, Vol.13, No.1].

ASSOCIATION: Institut für Reine Mathematik der TH Dresden, DDR
(Institute of Pure Mathematics of the Technical University
Dresden, East Germany)

PRESENTED: April 23, 1960, by L. S. Pontryagin, Academician

SUBMITTED: April 15, 1960

Card 4/4

LANGER, Gyula; IZINGER, Endre; HEID, Jozsef; ROSTAS, Judit

The role of experimental hypothyroidism in some postoperative reactions. Kiserl. orvostud. 15 no.1;66-70 F '63.

1. Magyar Nephadsereg Egeszsegugyi Szolgalata.
(THYROIDECTOMY) (SURGERY, OPERATIVE) (THYROID ANTAGONISTS)
(WOUND HEALING) (MORTALITY) (BLOOD CHEMICAL ANALYSIS)
(BLOOD PROTEINS) (BLOOD SUGAR) (BLOOD CHOLESTEROL)
(HYPOPHYSECTOMY)

HUNGARY

IZINGER, Endre, Dr, PUSZTAI, Dezső, Dr, LANGER, Gyula, Dr; Health Service of the Hungarian People's Army (Magyar Néphadsereg Egészseg-ügyi Szolgálat).

"The Role of Cortisone in the Treatment of Experimental Peritonitis."

Budapest, Orvosi Hetilap, Vol 104, No 22, 2 June 63, pages 1026-1027.

Abstract: [Authors' Hungarian summary] The authors tested the effect of cortisone on guinea pigs during experimental peritonitis produced by colon resection. They have concluded that the use of cortisone - along with a previous broad spectrum antibiotic treatment - is only advised in such cases of severe diffuse peritonitis where vascular collapse is imminent. 1 Hungarian, 8 Western references.

1/1

Spectral function of a self-adjoint operator in a space of indefinite metric. Dokl. AN SSSR 152 no.1:39-42 S '63.

(MIRA 16:9)

1. Odesskiy inzhenerno-stroitel'nyy institut i Drezdenskiy tekhnicheskiy universitet, Drezden, Germanskaya Demokraticeskaya Respublika. Predstavleno akademikom L.S.Pontryaginym.

(Operators (Mathematics)) (Hyperspace)

L 01020-56 EMP(k)/ENT(d)/ENT(m)/T-2/ENT(w) IJP(c) EN/EN/ED

ACC NR: AT6016795

(N)

SOURCE CODE: UR/0000/65/000/000/0283/0322

AUTHOR: Kreyn, M.G.; Langer, G.K.

ORG: [Kreyn] Odessa Civil Engineering Institute, Odessa, USSR (Odesskiy inzhenerno-stroitel'nyy institut); [Langer] Dresden Technical University, Dresden, GDR (Technische Universitat Dresden)

TITLE: Some mathematical principles of the linear theory of damped vibrations of continua

SOURCE: International Symposium on Applications of the Theory of Functions in Continuum Mechanics. Tiflis, 1963. Prilozheniya teorii funktsiy v mekhanike sploshnoy sredy. t. 2: Mekhanika zhidkosti i gaza, matematicheskiye metody (Applications of the theory of functions in continuum mechanics, v. 2: Fluid and gas mechanics mathematical methods); trudy simpoziuma. Moscow, Izd-vo Nauka, 1965, 283-322

TOPIC TAGS: solid mechanics, motion mechanics, periodic motion, linear operator, mechanical vibration, forced vibration, vibration damping, mathematic operator, Hilbert space

ABSTRACT: The linear equation of small vibrations of the continuum S (with an arbitrary number of dimensions) in the presence of a resisting force may be written in the abstract form as

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ACC NR: ATG016796

$$T\ddot{u} + F\dot{u} + Vu = 0, \quad (1)$$

where u is the vector of some Hilbert space \mathcal{H} , prescribing a shift of the system from a state of equilibrium; T and V are positive, and F the non-negative operators in \mathcal{H} , generated, respectively, by the kinetic and the potential energies of the continuum and its Rayleigh scatter function. The present paper is devoted to a study of the spectrum of Eq. (1) (or, the spectrum of the pencil $\Gamma(\mu)$), tests of the energetic completeness of its elementary solutions, and other related problems. The present investigations, for the most part, do not overlap with the fundamental investigations of M.V. Keldysh (Dokl. Acad. nauk SSSR, 1951, 77, No. 1, 11-14) on the theory of operational pencils of arbitrary order, since the latter in application to quadratic pencils is based on other assumptions with respect to the operator B . In applications, when the results of both the investigations are applicable, they complement each other. In addition to relatively recent results in the theory of non-selfadjoint operators, the authors make extensive use of the theory of operators in a space with an indefinite metric. A considerable part of the results of the present work is new even for the case of the system S with a finite number of degrees of freedom. The results are directly applicable to the investigation of small vibrations (motions) of tense strings, rods, membranes, plates, as well as various elastic bodies taking into consideration linear viscous friction, both external and internal.

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ACC NR: AT6016796

The authors do not attempt to investigate the damped vibrations of some specific continuous mechanical systems; their aim is the development of some new general principles in the investigation of small motions of such systems. It is emphasized, however, that the application of the methods devised is not restricted to damped vibrations (small motions) of elastic solid continua. It is also noted that many questions in the theory of waveguides lead to an investigation of quadratic operational pencils of the type close to that studied in the present work. The results obtained make it possible to develop the theory of forced vibrations for damped continua; the authors, however, do not dwell on that theory. Orig. art. has: 82 formulas.

SUB CODE: 20,12 SUBM DATE: 13Sep65/ ORIG REF: 024/ OTH REF: 007

Card 5/3

LANGER, Hanna; RAJTAR, Zofia

Evaluation of articular symptoms appearing in Wissler-Fanconi syndrome (analysis of a case). *Pediat.polska* 35 no.11:346-348 N '60.

1. Z Kliniki Terapii Chorob Dzieci A.M. w Warszawie, Kierownik:
prof. dr med. H.Brothman.

(ALLERGY in inf & child)

(ARTHRITIS RHEUMATOID in inf & child)

LANGER, H.

Contribution to the radicals of the maximal dissipative operator.
Acta mat Hung 13 no.3/4:415-424 '62.

1. Technische Universität Dresden, Institut für reine Mathematik,
Dresden, Deutsche Demokratische Republik. Vorgelegt von Bela
Szokefalvi-Nagy.

GIETKA, Marian; GUTKOWSKA, Jadwiga; LANGER, Hanna

Causes of failure in the treatment of staphylococcal infections
in children. *Pediat. Pol.* 39 no.5:511-518 Ky '64.

1. Z Kliniki Terapii Chorób Dzieci Akademii Medycznej w Warszawie
(Kierownik: doc. dr. med. H. Zapasnik-Kobierska) i z Laboratorium
Zespołu Klinik Pediatrycznych Wydziału Pediatrycznego Akademii
Medycznej w Warszawie (Kierownik: dr. med. L. Tomaszewski).

LANGER, J.

"Instruments Serving the Fliers. (to be contd.)", P. 474, (KRIDLA VLASTI, Vol. 4, No. 20, Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, No.1, Jan. 1955, Uncl.

LANGER, J.

Air explorers. p. 437

(Kridla Vlasti. No. 14, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

LANGER, J.

How to make a relief map. p. 170. (Kridla Vlasti, No. 6, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

LANGER, J.

Preparation for mechanical service. p. 366. (PRZEGLAD KOLEJCWY, Vol. 5, No. 10, Oct. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

LANGER, J.

Sliding axle bearings in the rolling stock. p. 112.

(PRZEGLAD KOLEJOWY MECHANICZNY. Vol. 9, No. 4, Apr. 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

HRUZIK, J.; JAVORSKY, A.; LANGER, J.

On dynamics of changes in the transaminase activity in toxic liver injuries. Bratisl. lek. listy 42 no.8:465-475 '62.

1. Z I internej kliniky Lek. fak. Univ. Komenskeho v Bratislave, prednosta prof. MUDr. M. Ondrejicka, zo Statneho sanatoria v Bratislave, riaditel MUDr. J. Rusnak, a z Ustavu patologickej anatomie Lek. fak. Univ. Komenskeho v Bratislave, prednosta doc. MUDr. M. Brozman.

(TRANSAMINASE) (LIVER DISEASES exper)
(CARBON TETRACHLORIDE toxicol)

KUCHAR, K.; LANGER, J.

On energy transfer by gravitational waves. Chekhosl fiz zhurnal
13 no.4:233-242 '63.

1. Katedra teoreticke fyziky, matematicko-fyzikalni fakulta
Karlovy university, Praha.

LANGER, J.

Some exact solutions of the Plebanski and Pellegrini tetrad gravitational equations. Chekhosl fiz zhurnal 13 no.11:789-791 '63.

1. Katedra teoreticke fyziky, Matematicko-fyzikalni fakulta Karlovy university, Praha.

LANGER, J.

SURNAME, Given Name

(5)

Country: Czechoslovakia

Academic Degrees:

Affiliation: First Clinic of Surgery of J.Ev. Purkyne University (I. chirurgická klinika University J.Ev. Purkyne), Brno; Director: Prof J. PODLAHA, MD.

Source: Prague, Praktický Lekar, Vol 41, No 10, 1961, pp 455-458.

Data: "Diabetic Gangrene."

Authors: ZAVREL, Ivo, MD

DOLEZAL, Jan, MD

LANGER, J., MUC /Candidate of Medicine/

REHUREK, L. MUC

GPO 981643

CZECHOSLOVAKIA

BROZMAN, M., MD; LANGER, J.

Institute of Pathological Anatomy of the Med. Fac. of
Komensky Uni. (Ustav patologickej anatomie Lek. fak.
Komenskeho Univ.), Bratislava (for both)

Bratislava, Bratislavske lekarske listy, No 11, 1963, pp
708-715

"The Causes of Maternal Mortality in Slovakia for
1959-60."

LANGER, Jaroslav

Turbidity reaction with sulfosalicylic acid in the blood serum of patients with gastric cancer. Scr. med. fac. med. Brunensis 35 no.5: 243-247 '62.

1. I. chirurgická klinika lékařské fakulty university J.E. Purkyně, Brno.
Vedoucí: prof. MUDr. Josef Podlaha, DrSc.
(STOMACH NEOPLASMS) (SALICYLIC ACID)
(BLOOD CHEMICAL ANALYSIS) (ESOPHAGEAL NEOPLASMS)

LANCER, J.

"How Lightning Originates", P. 512, (PRIDLA VLASTI, Vol. 2, No. 22, October 1953, Praha, Czech.)

SC: Monthly List of East European Accessions (MEMA), LC, Vol. 4, No. 3, March 1955, Uncl.

LANGER, J.

"Photographing Clouds", P. 424; (VFIDLA VLASTI, Vol. 4, No. 18,
Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL), LC, Vol.4,
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Piloting the reactivated Iliushin. Tr. from the Russian. p. 540

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

LANGER, J.

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P. 475, (Kridla Vlasti) No. 15, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

LANGER, J.

What are synop and aero?

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SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

LANCER, J.

"Rockets and meteorology."

p. 9 (Kridla Vlasti, No. 6, March 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions, (SEMI) 16, Vol. 7, No. 2, September 1958.

LANGER, J.

"Investigation of the upper layers of the atmospheres."

p. 10 (Kridla Vlasti, No. 13, June 1958, Praha, Czechoslovakia)

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PISUT, V.; PODOBOVA, L.; LANGER, J.

Malignant thymoma as a cause of hydropericardium. Bratisl. lek.
listy 43 Pt. 1 no.9:548-554 '63.

1. I interna klinika Lek. fak. Univ. Komenskeho v Bratislave,
veduci prof. MUDr. M. Ondrejicka, Ustav patologickej anatomie
Lek. fak. Univ. Komenskeho v Bratislave, veduci doc. MUDr.
M. Brozman.

(THYMOMA) (PERICARDITIS)
(EXUDATES AND TRANSUDATES)
(HEART FAILURE, CONGESTIVE)
(ELECTROCARDIOGRAPHY)

BROZMAN, M.; LANGER, J.

Causes of maternal mortality during labor in Slovakia during
the years 1959-1960. Bratisl. lek. listy 43 Pt. 1 no.12:
708-717 '63.

1. Ustav patologickej anatomie Lek. fak. Univ. Komenskeho v
Bratislave, veduci doc. MUDr. M. Brozman.

(MATERNAL MORTALITY) (LABOR COMPLICATIONS)
(PREGNANCY COMPLICATIONS) (EMBOLISM, AMNIOTIC FLUID)
(AFIBRINOGENEMIA) (SHOC, HEMORRHAGIC)
(PULMONARY EMBOLISM) (UTERINE RUPTURE)
(PNEUMONIA) (PULMONARY EDEMA)

LANGER, Jan

New Semb's modification of thoracoplasty. Polski tygod. lek.
11 no.21:937-940 21 May 56.

1. Z Zakładu Ftyzjochirurgii I.D. i S.K.X.; kierownik: prof.
dr. W. Rzepecki; z Państwowego Zespołu Sanatoriów w Zakopanem;
dyrektor; dr. S. Frenkel; z Sanatorium im. dr. O. Sokolowskiego;
dyrektor; dr. L. Sadłowska. Zakopane, Sanatorium im. Sokolowskiego.

(COLLAPSE THERAPY,
thoracoplasty, Semb's modification (Pol))

LEWANDOWSKA, Maria; LANGER, Janusz

Early results and complication of the treatment of pulmonary tuberculosis by thoracoplasty. Gruzlica 27 no.4:299-306 Apr 59.

1. Z Zakładu Ftyzjochirurgii SDKL w Sanatorium im. dr O. Sokolowskiego
Kierownik prof. dr med. W. Rzepecki Państwowy Zespół Sanatoriów
Przeciwgruzliczych w Zakopanem Dyrektor: dr med. St. Frenkel.
(THORACOPLASTY)

LANGER, Jan

Pulmonary decortication according to observations on 150 patients.
Polski przegl. chir. 31 no.6:635-649 June 59.

1. Z Zakładu Ftynjochirurgii w Zakopanem. Studium Doskonalenia
Lekarzy A. M. w Warszawie. Kierownik: prof. dr W. Rzepecki.
(COLLAPSE THERAPY, statist.)

LANGER, Janusz

Pulmonary decortication. Postepy hig. med. dosw. no.2:47-48 '60.

1. Z Zakladu Ftyzjochirurgii S. D. L. w Zakopanem Kierownik: prof.
dr Wit Rzepecki.

(TUBERCULOSIS PULMONARY surg)

LANGER, Jan

Secondary resections in surgical therapy of pulmonary tuberculosis.
Gruzlica 30 no.4:359-366 '62.

1. Z Kliniki Chirurgii Klatki Piersiowej SDL Akademii Medycznej w
Warszawie Sanatorium im Dr O. Sokolowskiego w Zakopanem Kierownik:
prof. dr med. W. Rzepecki.

(PNEUMONECTOMY)

LANGER, J.

CZECHOSLOVAKIA

FISUT, V; PODOBOVA, I; LANGER, J.

1. First Internal Medicine Clinic of the Medical Faculty of Komensky University (I. Interna klinika Lek. fak. Univ. Komenskeho), Bratislava; 2. Institute of Pathological Anatomy of the Medical Faculty of Komensky University (Ustav patologickej anatomie Lek. fak. Univ. Komenskeho), Bratislava (for all)

Bratislava, Bratislavske lekarske listy, No 9, 1963, pp 548-553

"Malignant Thyroma as the Cause of Hydropericardium."

RZEPECKI, Wit; LANGER, Jan

A case of simulation of massive pulmonary hemorrhage.
Gruzlica 30 no.8:753-758 '62.

1. Z Kliniki Chirurgii Klatki Piersiowej SDL (Sanatorium im.
dr O. Sokolowskiego) w Zakopanem Dyrektor: prof. dr med.
W. Rzepecki.

(HEMOPTYSIS) (LUNG DISEASES) (MALINGERING)
(BRONCHIECTASIS) (PNEUMONECTOMY)
(HYPOCHONDRIASIS) (HEMORRHAGE)

LANGER, Jan; MANKOWSKI, Zygmunt; KOZUBSKI, Jozef

Correct preoperative therapy and specific complications following pulmonary resection (role of bacteriological remission in surgery. Gruzlica 31 no.3:213-218 '63.

1. Z Kliniki Chirurgii Klatki Piersiowej SDL w Zakopanem
Kierownik: prof. dr med. W. Rzepecki.
(PNEUMONECTOMY) (PREOPERATIVE CARE)
(POSTOPERATIVE COMPLICATIONS)
(TUBERCULOSIS, PULMONARY)

LANGER, Jan

Thorn's test and dynamometry in the postoperative period. Pol.
przeegl. chir. 36 no.9:1089-1095 S '64

1. % II Kliniki Chirurgicznej Akademii Medycznej w Krakowie
(Kierownik: prof. dr. J. Szacki).

LANGER, Jan

Surgical treatment of empyema after pneumonectomy performed by so-called closed method. Pol. przegl. chir. 36 no.12:1451-1455 D '64

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LANGER, Jan; WADDINGTON, J.K.B.

Result of the surgical therapy of patients with hiatus hernia
with special reference to esophageal stenosis. Pol. przegl.
chir. 37 no.1:7-14 Ja '65

1. Z Oddzialow Chirurgii Klatki Piersiowej w Aintree Hospital
i Broadgreen w Liverpool (chirurg konsultant: J.K.B. Waddington).

RZEPECKI, Wit; LANGER, Jan

Surgical treatment of pulmonary tuberculosis as an adjuvant
to chemotherapy. Gruzlica 33 no.5:381-388 My '65.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia
Lekarzy w Zakopanem (Kierownik: prof. dr. W. Rzepecki).

HARAZDA, Maria; KANWISZEK, Henryka; LANGER, Jan; RZEPECKI, Wit.

Intraoperative hemorrhage in a case of pulmonary sequestration.
Gruzlica 33 no.9:817-820 S ' 65.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia
Lekarzy w Zakopanem (Kierownik: prof. dr. med. W. Rzepecki)

SELECKY, F.V. MUDr., CSc.; BABULOVA, A.; BURAN, I.; LANGER, J. Technicka
spolupraca: VRABLOVA, O.; PETRASOVA, E.; NEMCEK, V.

The cumulative effect of various cardiac glycosides extracted
from domestic raw materials. Bratisl. lek. listy 45 no.10:
577-584 31 My'65.

1. Farmacologicky ustav Caskoslovenskej akademie vied (riadi-
telka: prof. MUDr. H. Raskova, DrSc.); pracovisko Bratislava
(veduci: MUDr. F.V. Selecky CSc.). Katedra patologickej
anatomie Lekarskej fakulty Univerzity Komenského v Bratislave
(veduci: prof. MUDr. M. Brozman, DrSc.).

TROCHTA, Ervin; LANGER, Jan.

Effect of Sial glass on the results of laboratory tests in
macromolecular technology. Chem prum 14 no.5:270-271 My '64.

1. Research Institute of Cables and Insulators, Bratislava.

LANGER, Jerzy, mgr., inż.; MARKIEWICZ, Eugeniusz, dr.

Analysis of the economic effects of selfadvancing Roofmaster
type roof supports in connection with articulated steel sup-
ports. Przegl gorn 18 no.2:108-113 '62.

MARKIEWICZ, Eugeniusz; LANGER, Jerzy

Labor efficiency achieved by the application of walking and
steel-structure linings. Wiadom gorn 12 no.9:304-306 S '61.

LANGER, J.

Contribution to the trichophytin standardization. Cesk. dern.
25 no.7-8:293-297 July 1950. (CML 20:1)

1. Of the Second Dermatological Clinic in Prague (Head--Prof.
K. Hubschmann, M. D.).

LANGER, J.; RODOVSKY, J.

Mycosis of the feet, certain epidemiologic aspects and prevention. Voj. zdrav. listy 20 no.4:179-181 July-Aug 1951. (CJML 21:1)

1. Of the Second Dermatological Clinic (Head -- Prof. K. Hubschmann, M.D.) and of the Dermatological Department of the Military Hospital. 2. Josef Rodovsky is Lt. Colonel and M.D.

LANGER, J.

Dermatomycoses of the legs in certain occupations and their
and their prevention. Prakt. lek., Praha 31 no. 23:510-511
5 Dec. 1951. (CIML 21:3)

1. Of the Second Dermatological Clinic (Assistant--J. Langer,
M. D.).

LANGER, J.

First isolation of the *Microsporon ferrugineum* in Czechoslovakia.
(CIML 25:5)
Cesk. dermat. 28 no.10:446-452 Dec 1953.

1. Of the Mycological Laboratory of the Second Dermatological Clinic
(Head--Prof. K. Hubschamnn, M.D.), Prague.

LANGER, Jiri, MUDr

Review of modern diagnostic methods in gonorrhea. Cesk. gyn.
19-23 no.6:381-386 Nov 54.

1. Z II kozni kliniky, prednosta prof. MUDr K.Hubschmann
(GONORRHEA, diagnosis
methods)

HUBSCHMANN, Karel, Prof. MUDr; LANGEROVA, Miloslava, RNDr; LANGER,
Jiri, MUDr

Essay with determination of a complex microbial picture of the
skin. Cesk. dermat. 29 no.2:103-109 Ap '54.
(SKIN, bacteriology.)

LANGER, Jiri

Conduction of provocation test in gonorrhea. Prakt. lek. 34
no.8:186-187 Ap '54.

1. Asistent II. kozni kliniky v Praze, prednosta prof. MUDr
K. Hubachmann.

(GONORRHEA, diagnosis,
*provocation test)

SCHWANE, Richard, As., MUDr.; LANGER, Jiri, MUDr.

Methods of differentiation of non-specific results in serological tests for syphilis. Cesk. dermat. 30 no.3:156-166 June 55.

1. Z II. kozni kliniky (prednosta prof. MUDr. K. Hubschmann).
(SYPHILIS, diagnosis
serodiag. method of differentiation of non-specific
results.)

HORACEK, J., Prim., MUDr.; LANGER, J., MUDr.

Mass infection of school children with *Trichophyton sulfureum*.
Cesk. dermat. 31 no.2:107-109 Apr 56.

1. OUNZ Strakonice a II. kozni klinika, prednosta prof. MUDr.
K. Hubschmann.

(RINGWOEM, epidemiology,

Trichophyton sulfureum mass outbreak in school child.
in Czech. (Cz))

EXCERPTA MEDICA SEC 5 Vol 12/6 Gen. Path. June 59

1445. COUGHING UP HAIRS AS A DIAGNOSTIC SYMPTOM OF A MEDIASTINAL
DERMOID CYST - Odkasztykanie włosów jako objaw rozpoznawczy skórzas-
tej torbieli śródpiersia - Langer J. Zakł. Ftyzjochir. I.D.i S.K.L.,
Zakopane - POL. PRZEGL. CHIR. 1958, 30/7 (763-766) Illus. 1

Report of a case: The cyst which was situated in the anterior mediastinum, could
be diagnosed during life because of the coughing up of hairs. Operation was done,
but the patient died. Hairs had entered the bronchial tree, and the fistula could be
demonstrated at autopsy. (V, 16)

JIRASEK, Labor; LANGER, Jiri

Occupational eczema in a bee-keeper caused by propolis. Cesk. derm.
35 no.2:82-85 Ap '60.

1. II dermatologicka klinika v Praze, prednosta prof. dr. K. Hubschmann.

(OCCUFATIONAL DERMATITIS) (BEES)

LANGER, J.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Director of the Microbiological and Serological Laboratory,
KUNZ /Krajský ústav národního zdraví; Kraj Institute of Pub-
lic Health/ (Mikrobiologická-serologická laborator KUNZ),
Prague.

xSource: Prague, Praktický Lékař, Vol 41, No 13, 1961, pp 599-601.

Source: "Tests for Specific Antibodies in Persons Suffering from Syphilis.
Data: Nelson's Test, TPI Reaction."

LANGER, Jiri

Cardiolipin flocculation microreaction with active serum for rapid syphilis diagnosis. The R.R.R. rapid reagin reaction. Cesk. dermat. 37 no.2:96-102 Ap '62.

1. Mikrobiologická a serologická laborator KUNZ Stredoceskeho kraje v Praze. (PHOSPHOLIPIDS) (SYPHILIS diag)

LANGER, J.

Current picture of the epidemiology and therapy of venereal diseases. Cesk. dermat. 39 no.1:21-28 F'64.

1. Mikrobiologicko-serologicka laborator KUNZ Stredoceskeho KNV v Praze; vedouci: MUDr. J.Langer.

✱

LANGER, J.; KRAPPA, M.

Current status of the microbiological diagnosis of gonorrhea.
Cesk. dermat. 39 no.4:390-393 1964

1. Mikrobiologická, serologická a TPI laborator Krajského
ústavu národního zdraví Středočeského kraje v Praze (vedoucí
MUDr. J.Langer).

LANGER, K.

"The production of building machines in Czechoslovakia."

p. 41 (Czechoslovak Heavy Industry /Special issue/ 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

LANGER, L.

SZANTO. T., KATONA, K., LANGER, L., "Japanese Papers" p. 149. (Ptzeblad Papierniczy, Vol. 9, no. 5, May 1953, Lodz)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954

LANGER, L.

Conference of physicians employed in metallurgical industry. 13 -
15 July, 1951. Sloven. lekar 13 no. 10:413-418 Oct 1951. (CJML 23:3)

LANGER, L.

Periarterial sympathectomy, a new therapeutic method in
progressive polyarthritia. Rozhl. chir. 44 no.7:463-469
Jl '65.

1. II. chirurgická klinika fakulty všeobecného lékařství
Karlovy University v Praze (prednosta prof. dr. J. Ihotka).

FRIEDBERGER, V.; LANGER, L.; BOREK, Z.; HORAK, J.

Problems of massive hemorrhage into the alimentary tract.
Rozhl. chir. 43 no.8:557-565 Ag '64.

1. II chirurgická klinika fakulty všeobecného lékařství
Karlovy University v Praze, (prednosta prof. dr. J. Lhotka).